



## FANTASTIC R32 COP16 HEAT PUMP FOR POOL 10.5 KW DC INVERTER

Reference: FIP10S

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The heat pump for swimming pools FANTASTIC R32 COP16 is equipped with a double inverter rotary compressor, capable of delivering a maximum heating power of 10.5 KW.

Once the heat pump is turned on, the inverter unit can quickly select the best operating frequencies for the compressors and fan motors, and the heat pump EEV opens automatically based on heating or cooling needs through the intelligent control technology of the inverter for the first heating, saving 50% of heating time compared to conventional heat pumps.

The FANTASTIC R32 COP16 intelligently regulates compressor speed, fan motor speed and system pressure, it can not only provide an incredible energy saving effect, but also deliver a very quiet, 12dB(A) less noise than a traditional on/off heat pump.

The heat pump is equipped with a Wi-Fi remote control with which you can control and find out how the machine is working anytime and anywhere on your smartphone, even if you are away from home.

Compared to the traditional fixed frequency heat pump, the R32 COP16 heat pump with inverter can adjust the operating power for swimming pools to avoid running at a fixed power all the time so as to have substantial energy savings.

#### TECHNICAL FEATURES FANTASTIC R32 COP16:

Heating capacity: air 26 ° C, humidity 80%, internal water 26 ° C and external 28 ° C

Heating power (kW): 10.58 ~ 2.42

Energy consumption (kW) : 1.519 ~ 0.149

COP: 16.24 ~ 6.97

Heating capacity: air 15 ° C, humidity 70%, internal water 26 ° C and external 28 ° C

Heating power (kW) : 7.86 ~ 1.80

Power consumption (kW): 1.57 ~ 0.236

COP: 7.62 ~ 5.00

Cooling capacity: air 35 ° C, internal water 29 ° C and external 27 ° C

Cooling capacity (kW): 5.94 ~ 1.50

Power consumption (kW): 1.57 ~ 0.22

EER: 6.82 ~ 3.78

Power supply: 220 ~ 240V / 1 / 50Hz

Nominal energy consumption: 1.6 kW

Nominal current (A): 7.3

Refrigerant: R32

Compressor: inverter

Fan motor: DC

Controller: inverter

Wifi control: yes

Heat exchanger: titanium  
Direction of air flow: Horizontal  
Water flow: 3.5  
Type of defrost: through 4 valves  
Int working temperature range (°C): -15 ~ 43  
Noise level (dBa): from 10m < 20 ? < 26  
Shell material: ABS plastic  
Water resistance: IPX4  
Width: 980 mm  
Length: 430 mm  
Height: 800 mm  
Net weight: 68 kg

Are you looking for a product with different technical characteristics? [HERE](#) you can find the area dedicated to pool heat pumps of specialized brands.

Non-binding images and technical data.

## Technical Sheet

Phase	Single phase
Frequency (Hz)	50
Voltage (V)	230
Protection degree	IPX4
Main body material	ABS Plastic
Operating temperature (°C)	-15~43
Refrigerating yield	10.5 KW
Heating power	5.94 KW
Acoustic pressure	20 dB(A) from 10m
Length (mm)	980
Width (mm)	430
Height (mm)	800
Dry weight (Kg)	68
Coolant	R32